

DLF1329WPV
1/3" D/N 690TVL
IR Vandal Dome (PIXIM)



Installation and Operations Manual

Model Number: DLF1329WPVA NTSC

DLF1329WPVB PAL

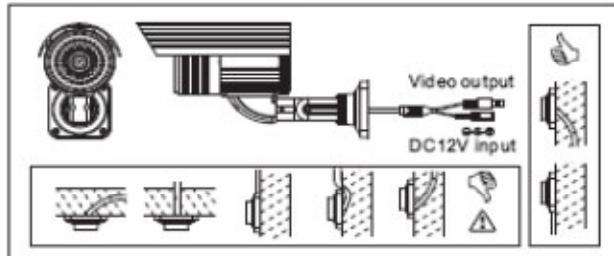
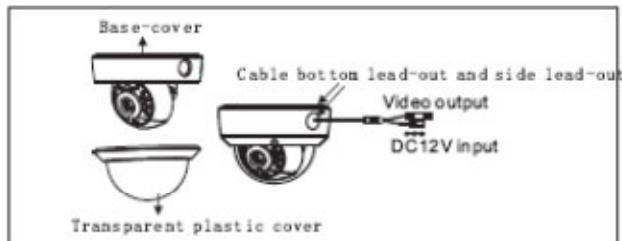
Description: 1/3" 700TVL Resolution

Day/Night IR Vandal Dome (PIXIM)

Caution

1. Please don't touch the lens or glass directly. If necessary, blow off dust with a hairdryer or polish lens with the appropriate cloth
2. Make sure the input voltage and the polarity are correct before operation
3. Avoid exposing to rain, damp or sunshine. Also do not exceed the input and output power rating(except Cylinder camera)
4. Don't put the camera towards or monitor bright static objects for a long time
5. Please do not try to repair the camera by yourself without authorization. Opening or removing the cover may cause risk. Please contact the professional to deal with such matters

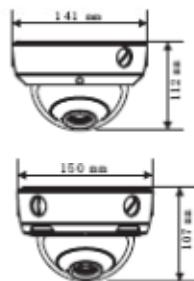
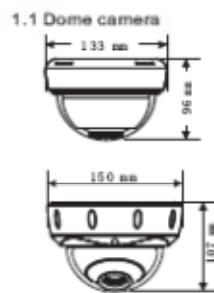
Installation



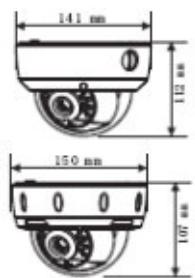
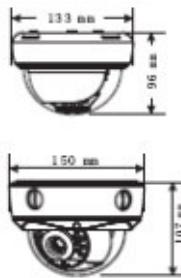
1

Dimension

1. Dome camera



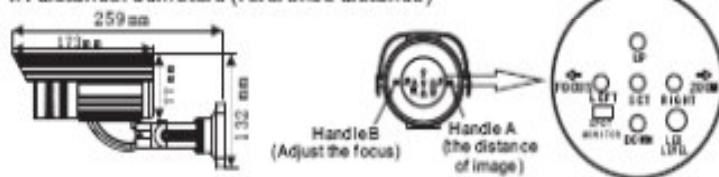
1.2 IR dome camera



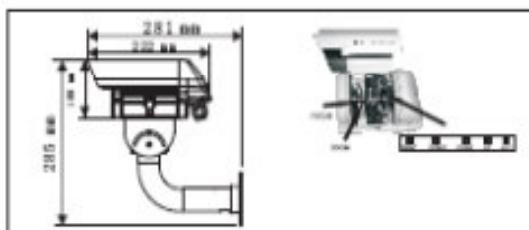
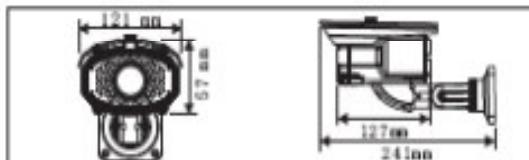
Dimension

2. Varifocal lens IR Cylinder camera

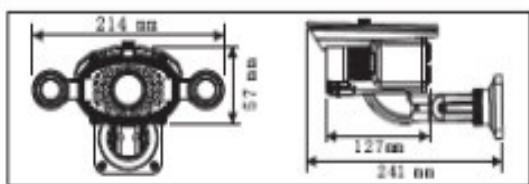
2.1 IR distance: 30meters (reference distance)



2.2 IR distance: 50meters (reference distance)



2.3 IR distance: 100meters (reference distance)



OSD user manual

This model is very convenient with the OSD menu function.
You could visit and view the menu on screen by operating five
buttons at the back of the camera

-  Press the MENU button to access MAIN MENU,
use this button to enter a menu or to select a menu option
-  Use UP and DOWN buttons to move vertically between
menus and options
-  Use LEFT and RIGHT buttons to move horizontally
between menus and options

Notes:

1. ..."mens there are submenus,"."means press the "menu" key to apply your choice
2. OSD menu will disappear automatically if there are no actions within two minutes
3. "PREV" helps you unconditionally escape the current page and back to the last page. Shift directions keys to the lightened "PREV", press "menu", it is done
4. "Save" in submenus:
save the settings of submenu(s)
5. "Cancel" in submenus:
cancel the settings of submenu(s)
6. Level-indications in this manual is: ☺ ♦ ○ ● ▲

Main menu

VIDEO SYSTEM..	◆ VIDEO SYSTEM	◆ VIDEO LEVEL.
WDR LEVEL	◆ HIGH	◆ MIDDLE
	◆ LOW	◆ COSTOM..
AGC	◆ HIGH	◆ MIDDLE
	◆ LOW	◆ OFF
WHITE BAL	◆ ATW	◆ ATW PRO
	◆ PUSH.	◆ MANUAL..
IMAGE ADJUST..	◆ 3D-DNR	◆ CRR
	◆ BLC	◆ FLIP
	◆ GAMMA	◆ SATURATION
	◆ SHARPNESS	◆ IMAGE FREEZE
	◆ DIGITAL PTZ..	
LENS	◆ DC	◆ MANUAL
OPTIONS..	◆ GENERAL..	◆ SENS UP
	◆ DAY&NIGHT MODE	◆ PRIVACY MASK..
	◆ MOTION DET..	◆ EXP. ZONE..
SAVE & EXIT		
DEFAULT		
CANCEL		

■ VIDEO SYSTEM

the camera supports NTSC and PAL video formats. Select NTSC or PAL, and adjust the video output in this menu

■ WDR LEVEL

set the maximum value of WDR and compensate for the WDR:
low/middle/high/custom

■ AGC

set AGC parameters:off/low/middle/high

■ WHITE BAL

set the modes of white balance

■ IMAGE ADJUST

adjust image quality,such as 3D DNR,gamma correction,
sharpness and others

■ LENS

select lens type(DC or manual):selected lens type must match the
camera's lens

■ OPTIONS

set day & night mode, privacy zone, motion detection, exposure
base area, sense-up and so on

■ SAVE & EXIT

save user's settings and exit the OSD menu

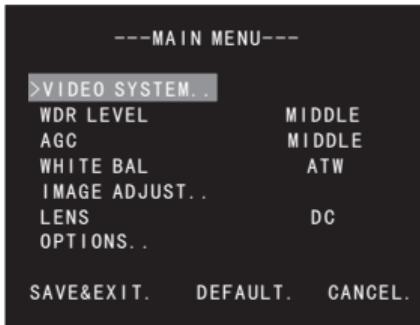
■ DEFAULT

restore factory settings and exit the OSD menu

■ CANCEL

cancel the current setting and exit the OSD menu

☺ VIDEO SYSTEM



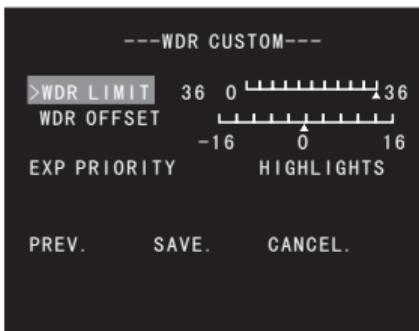
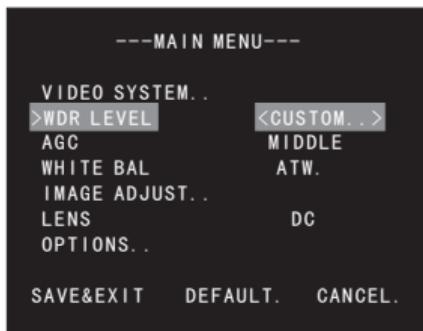
◆ VIDEO SYSTEM

signal output set as PAL or NTSC

◆ VIDEO LEVEL

adjust signal output range, reduce signal attenuation when the cable transfer, so that improve the image brightness

☺ WDR LEVEL



This option are used to setup the WDR maximum value and compensate WDR:low/middle/high/custom

WDR CUSTOM

- ◆ WDR LIMIT: to set the maximum dynamic range could be detected.
- ◆ WDR OFFSET: to compensate the detected dynamic range
- ◆ EXP PRIORITY: optimize the brightness zone and dark zone

☺ AGC

set the AGC parameter, close/low/middle/high selectable

☺ WHITE BAL



Enable the camera to track and adapt different illuminate environment(2000K-11000K colour temperature range), in order to output reality colour image. ATW/ ATW PRO/ LOCK/ MANUAL optional

◆ ATW: auto tracking white balance

camera detects the colour temperature continuously and sets the suitable white balance parameter accordingly to reproduce true colour. This mode is applicable in illumination constantly changed environment. Colour temperature range is 2800K-8100K

◆ ATW PRO: this function will be work in sodium lighting environment

Camera will reduce the image saturation gradually to reduce the noise when the colour temperature is not in the scope of 2800K-8100K. Colour temperature range is 2800K-11000K.

◆ PUSH: this white balance mode is applicable in steady illumination environment

Put the camera against a white object, choose and lock across the 5 buttons and press the MENU key(the middle key), the white balance will be adjusted and that will be saved

◆ MANUAL: manual white balance

Adjust the red or blue gain of the video manually

😊 IMAGE ADJUST

---MAIN MENU---

VIDEO SYSTEM.. . MIDDLE
WDR LEVEL MIDDLE
AGC MIDDLE
WHITE BAL ATW
>IMAGE ADJUST..
LENS DC
OPTIONS..

SAVE&EXIT. DEFAULT. CANCEL.

--- IMAGE ADJUST ---

>3D-DNR HIGH
CRR OFF
BLC OFF
FLIP OFF
GAMMA 45 25 100
SATURATION 0 -8 8
SHARPNESS 0 -8 8
IMAGE FREEZE OFF
DIGITAL PTZ..
PREV. SAVE. CANCEL.

- ◆ 3D-DNR: digital noise reduction, OFF/LOW/MIDDLE/HIGH optional. If you choose high, the image is clear, if you choose off, the image will be sharp
- ◆ CRR: reduce the colour rolling under the fluorescent lamp
- ◆ BLC: set the optimized exposure in the same surrounding towards the bright area and the dark area

--- IMAGE ADJUST ---

3D-DNR HIGH
CRR OFF
>BLC <ON..>
FLIP OFF
GAMMA 45 25 100
SATURATION 0 -8 8
SHARPNESS 0 -8 8
IMAGE FREEZE OFF
DIGITAL PTZ..
PREV. SAVE. CANCEL.

--- BLC LEVEL SETUP ---

>BLC LEVEL 10 35 50
PREV. SAVE. CANCEL.

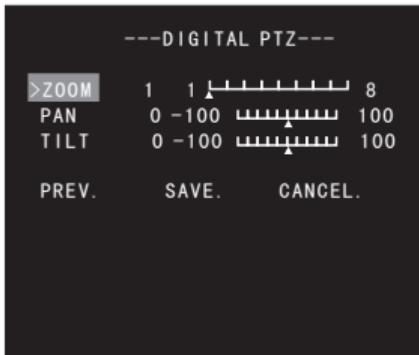
- ◆ FLIP: adjust the image's direction. OFF/Pan/Vert
- ◆ GAMMA: adjust the video signal in order to compensate the monitor or non-linear response character of other facility
- ◆ SATURATION: adjust the colour of the image
- ◆ SHARPNESS: make the image be sharper or softer
- ◆ IMAGE FREEZE: choose this function, there will be no movement

◆ DIGITAL PTZ: adjust the zoom, pan, tilt

ZOOM: 1X to 8X adjustable

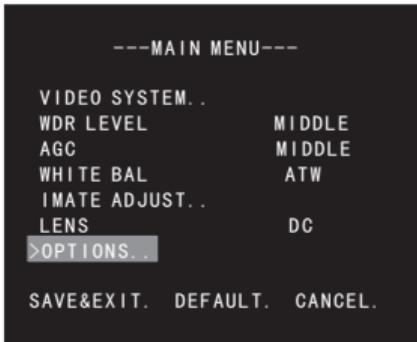
PAN: adjust the movement of the image centre, turn left or right

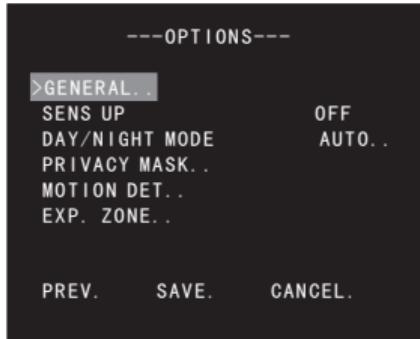
TILT: adjust the movement of the image centre, up or down



☺ LENS: the lens type is optional(DC or manual). The lens type should match the reality usage of the lens.

☺ OPTIONS

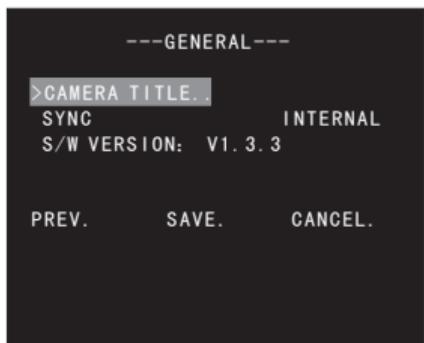




◆ GENERAL

○ CAMERA TITLE

turn on or off camera title and edit the camera title and position



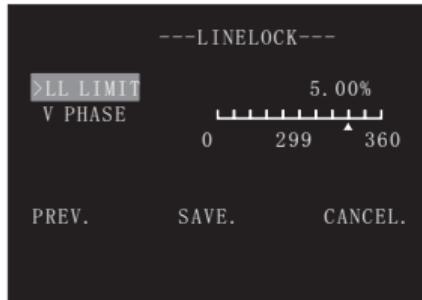
- TITLE DISPLAY: turn on or off the camera title display
- TITLE TEXT: use left / right button to chose the suited character, each time you press the middle button, the next character can be activated, so you can chose the suited character for this position, 14 characters max.
- POSITION: chose display position for camera title

- SYNC

choose suited synchronization of the camera, internal and line lock can be chosen

- INTERNAL: internal sync

- LINELOCK: selectable only in cameras support 24VAC power input. In order to clean up the colour-rolling (such as fluorescence indoor), vertical phase or line lock limit can be adjusted



▲ LL LIMIT: set the field and frame time to make the line lock frequently drifting, when line lock is not enabled, line lock restricted to 0

▲ V PHASE: adjust the vertical phase of video output

◆ SENS UP: set the max. digital slow shutter times of camera, off/2X/4X/8X/16X/32X

◆ DAY/NIGHT MODE

According to the light intensity of external environment, camera will be switched day/night model automatically, in the night model, the camera(with ICR CUT filter)can sense the infrared light, and improve the sensitivity of camera in low illumination

- COLOUR: camera always display colour image

- B/W: camera always display black and white image
- AUTO: camera recognize DAY/NIGHT mode automatically, image is colour in daytime and changes to B/W mode at night



- DAY->NIGHT: the sensitivity of day to night mode
- NIGHT->DAY: the sensitivity of night to day value

Attention: when day->night and(or) night->day value was set unreasonable, the monitor screen will show "Please choose other value!" In this case, please rechoose the value

- D/N DELAY: the switching time of day to night 1 s', 2 s', 4 s', 6 s', 10 s' or 15 s' selectable. 2 s' default
- EXT.: change to the COLOUR/B/W by installing CDS or switch
- N/D DELAY: the switching time of night to day 1 s', 2 s', 4 s', 6 s', 10 s' or 15 s' selectable. 2 s' default

◆ PRIVACY MASK

used to keep out some prohibited areas. In financial bank application system, this function is very common.

This camera supports the most 12 privacy zones

---PRIVACY MASK---

>PRIVACY MASK <ON..>
MASK CLOLR WHITE
PREV. SAVE. CANCEL.

---ENABLE MASKS (1-6)---

>MASK1 OFF
MASK2 OFF
MASK3 OFF
MASK4 OFF
MASK5 OFF
MASK6 OFF

PREV. NEXT. SAVE. CANCEL.

○ PRIVACY MASK

select "ON",ENABLE MASKS will appear, operation of mask 1 to 12 are as follows):select ON, will enter enable masks, where the mask zone's size and position are adjustable. Each time you press the middle button, mask colour will change, use up/down/left/right buttons to change the shape of privacy zones.

Note: privacy zone reference point is at the top-left corner

- 1).When pane colour showed white, use up/down/left/right buttons to move privacy zone
- 2).When pane colour showed blue, use left or right buttons to enlarge or shrink privacy zone horizontally, use up or down buttons to enlarge or shrink privacy zone vertically

○ MASK COLOUR

colour of privacy zone, white, black or red

◆ MOTION DETECTIVE

-MOTION DETECTION/ALARM SETUP-

>ALARM <ON..>
ZONE ADJUST..
PREV. SAVE. CANCEL.

---DETECTION SENSITIVITY---

>SENSITIVITY
ZOOM 1 0 25 255
PAN 0 -100 100
TILT 0 -100 100

PREV. SAVE. CANCEL

- ALARM: turn on or off alarm function
enable alarm function(as left above chart), enter menu(as right above chart) to adjust the sensitivity of motion detection and preset digital PTZ/ horizontal motion/ vertical motion ect. Object sensitivity of motion detection in the area can be set according to different situation. The lower of alarm sensitivity ,the higher the sensitivity is, when motion is detected in the preset area of camera, the "alarm!!!"will display on the top right on the monitor screen
- ZONE ADJUST: zones for detection

---ALARM ZONE SETUP---

>SET MOTION ZONES 1ZONE
ADJUST ZONE1..
ADJUST ZONE2..
ADJUST ZONE3..
ADJUST ZONE4..

PREV. SAVE. CANCEL

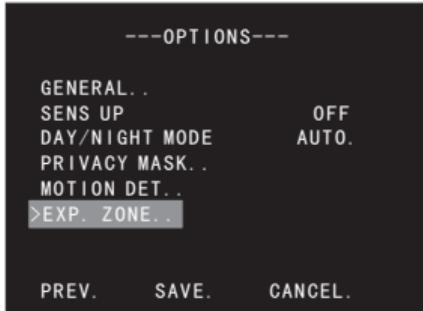
- SET MOTION ZONES

select the motion area Max.4 zones

● ALARM ZONE SETUP

operation guide(operations of zone 1 to 4 are the same)
choose zone1, enter into menu, the size and position are
adjustable. Press the middle button, the pane colour will be
changed, and the shape can be changed by operating up/down/
left/right buttons

- 1.when pane colour showed white, the detection zone can be shifted by operating up/down/left/right buttons
- 2.when pane colour showed green, the detection zone can be expanded by operating up/down/left/right buttons
- 3.when pane colour showed red, the detection zone can be smaller by operating up/down/left/right buttons



◆ EXP. ZONE

the camera will optimize the exposure to the object

- ZONE PRESETS: 4 preset zones selectable, but only one area work every time: normal/ entire/ ATM/ 1/3 below selectable
- ZONE ADJUST: adjust position and size of exposure standard area

Operation guide(operation of zone 1 to4 are the same):choose ZONE ADJUST to enter menu, the size and position are adjustable.

Press the middle button , the pane colour will be changed. The shape can be changed by operating up/down/left/right buttons

- 1.when pane colour showed white, the EXP. zone can be shifted by operating use up/down/left/right buttons
- 2.when pane colour showed green, the EXP. zone can be expanded by operating up/down/left/right buttons
- 3.when pane colour showed red, the EXP. zone can be smaller by operating up/down/left/right buttons

☺ SAVE&EXIT: save user setting and exit OSD menu

☺ DEFAULT: reset the camera function to default and exit OSD menu

☺ CANCEL: cancel the current setting this time and exit OSD menu